

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17	(US-4669040-\$ or US-4912381-\$ or US-5331541-\$ or US-5555438-\$ or US-5684375-\$ or US-5732213-\$ or US-5768632-\$ or US-5805442-\$ or US-5828851-\$ or US-5887029-\$ or US-5909368-\$ or US-6061603-\$ or US-6151625-\$ or US-6301509-\$ or US-6327511-\$ or US-6424872-\$ or US-6445962-\$).did.	USPAT	OR	ON	2004/11/24 10:40
L2	291	"4669040" "4912381" "5331541" "5555438" "5684375" "5732213" "5768632" "5805442" "5828851" "5887029" "5909368" "6061603" "6151625" "6301509" "6327511" "6424872" "6445962"	USPAT	OR	ON	2004/11/24 11:05
L3	122	L2 and (@AD < "19990122")	USPAT	OR	ON	2004/11/24 10:58
L4	82	L3 and controller	USPAT	OR	ON	2004/11/24 10:58
L5	68	L4 not L1	USPAT	OR	ON	2004/11/24 11:04
L6	9	L5 and MODBUS	USPAT	OR	ON	2004/11/24 11:04
L7	9	MODBUS/TCP	USPAT	OR	OFF	2004/11/24 11:05
L8	11	L2 and permanent near5 connection	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/11/24 11:05
S1	3132	programmable adj logic adj controller	USPAT	OR	OFF	2002/09/19 14:09
S2	9	(programmable adj logic adj controller) and layer and ethernet and Modbus	USPAT	OR	ON	2002/09/18 09:45
S3	59	(programmable adj logic adj controller).ti.	USPAT	OR	OFF	2002/09/18 13:56
S4	1	((programmable adj logic adj controller).ti.) and ethernet and Modbus	USPAT	OR	OFF	2002/09/18 09:46
S5	2	((programmable adj logic adj controller).ti.) and Modbus	USPAT	OR	OFF	2002/09/18 09:47
S6	20762	(control adj system).ti.	USPAT	OR	OFF	2002/09/18 13:56
S7	7584	((control adj system).ti.) and controller	USPAT	OR	OFF	2002/09/18 13:56
S8	7	("5159673" "4992926" "4897777" "5245704" "4937777" "5307463" "5805442").pn.	USPAT	OR	OFF	2002/09/18 15:13
S9	1030	(square adj D).as.	USPAT	OR	OFF	2002/09/19 09:57
S10	136	allen-bradley.as. and sensor	USPAT	OR	OFF	2002/09/19 09:59

S11	5	(allen-bradley.as. and sensor) and (control adj system).ti.	USPAT	OR	OFF	2002/09/19 09:59
S12	150	((square adj D).as.) and sensor	USPAT	OR	OFF	2002/09/19 10:02
S13	34	(((square adj D).as.) and sensor) and (control adj system)	USPAT	OR	OFF	2002/09/19 10:02
S14	3	(((square adj D).as.) and sensor) and tuning	USPAT	OR	OFF	2002/09/19 10:03
S15	2306	tuning and rate and duration and controller	USPAT	OR	ON	2002/09/19 11:33
S16	871	(tuning and rate and duration and controller) and sensor	USPAT	OR	ON	2002/09/19 11:08
S17	16	((tuning and rate and duration and controller) and sensor) and (tuning adj method)	USPAT	OR	ON	2002/09/19 11:32
S18	987	(tuning and rate and duration and controller) and (control adj system)	USPAT	OR	ON	2002/09/19 11:34
S19	176	((tuning and rate and duration and controller) and (control adj system)) and self-tuning or auto-tuning	USPAT	OR	ON	2002/09/19 11:34
S20	29	(((tuning and rate and duration and controller) and (control adj system)) and self-tuning or auto-tuning) and (schedule)	USPAT	OR	ON	2002/09/19 11:36
S21	24	(((tuning and rate and duration and controller) and (control adj system)) and self-tuning or auto-tuning) and (tuning adj method)	USPAT	OR	ON	2002/09/19 13:24
S22	2	("4549123" "5453925").pn.	USPAT	OR	ON	2002/09/19 11:39
S23	3648	PID and (control adj system)	USPAT	OR	ON	2002/09/19 13:26
S24	1	(PID and (control adj system)) and (PB and ITC and DTC)	USPAT	OR	ON	2002/09/19 13:26
S25	7	(PID and (control adj system)) and Integral and Derivative	USPAT	OR	OFF	2002/09/19 13:27
S26	205	((control adj system) and sensor).ti.	USPAT	OR	OFF	2002/09/19 14:10
S27	87	(((control adj system) and sensor).ti.) and digital	USPAT	OR	OFF	2002/09/19 14:10
S28	11	(US-6151625-\$ or US-6327511-\$ or US-5909368-\$ or US-5828851-\$ or US-6424872-\$ or US-6301509-\$ or US-5684375-\$ or US-6445962-\$ or US-4669040-\$ or US-4912381-\$ or US-5331541-\$).did.	USPAT	OR	OFF	2003/05/20 11:06

S29	3	"6327511"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/20 11:07
S30	19	"5159673".uref.	USPAT	OR	OFF	2003/05/20 13:19
S31	60	"5805442".uref.	USPAT	OR	OFF	2003/05/20 15:01
S32	5	MODBUS/TCP	USPAT	OR	OFF	2003/05/20 14:10
S33	48	(schneider adj automation).as.	USPAT	OR	OFF	2003/05/20 14:09
S34	0	((schneider adj automation).as.) and (ad adj hoc)	USPAT	OR	OFF	2003/05/20 14:09
S35	8	MODBUS adj TCP	USPAT	OR	OFF	2003/05/20 14:11
S36	27	"5245704".uref.	USPAT	OR	OFF	2003/05/20 14:14
S37	39	"5307463".uref.	USPAT	OR	OFF	2003/05/20 15:01
S38	53	"4937777".uref.	USPAT	OR	OFF	2003/05/20 15:01
S39	619	allen-bradley.as.	USPAT	OR	OFF	2003/05/20 15:07
S40	52	allen-bradley.as. and controller and (industrial adj process)	USPAT	OR	OFF	2003/05/20 15:28
S41	0	(allen-bradley.as. and controller and (industrial adj process)) and TCP	USPAT	OR	OFF	2003/05/30 14:35
S42	2	allen-bradley.as. and TCP	USPAT	OR	OFF	2003/05/20 15:29
S43	102	allen-bradley.as. and protocol	USPAT	OR	OFF	2003/05/20 15:29
S44	71	(allen-bradley.as. and protocol) and network	USPAT	OR	OFF	2003/05/20 15:29
S45	22	((allen-bradley.as. and protocol) and network) and interconnection	USPAT	OR	OFF	2003/05/20 15:31
S46	8	(((allen-bradley.as. and protocol) and network) and interconnection) and queue	USPAT	OR	OFF	2003/05/20 16:06
S47	275	ad adj hoc adj2 query	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/05/21 10:08
S48	97	(ad adj hoc adj2 query) and controller	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/05/21 10:10
S49	1	((ad adj hoc adj2 query) and controller) and (industrial adj process)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/05/21 10:08
S50	0	((ad adj hoc adj2 query) and controller) and (query adj2 protocol)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/05/21 10:10
S51	58	((ad adj hoc adj2 query) and controller) and protocol	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/05/21 10:11

S52	32	((ad adj hoc adj2 query) and controller) and protocol) and TCP	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/05/21 10:11
S53	26558	(read and write) near5 (command or operation)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/05/30 14:34
S54	16	((control adj system).ti.) and controller) and MODBUS	USPAT	OR	OFF	2003/05/30 14:35
S55	15	(controller and (industrial adj process)) and TCP	USPAT	OR	OFF	2003/05/30 14:35
S56	18	(controller near4 industrial) and TCP	USPAT	OR	OFF	2003/05/30 14:36
S57	4445	controller and TCP	USPAT	OR	OFF	2003/05/30 14:36
S58	262	(controller and TCP) and ((read and write) near5 (command or operation))	USPAT	OR	OFF	2003/05/30 14:36
S59	42	((controller and TCP) and ((read and write) near5 (command or operation))) and (communication adj2 link)	USPAT	OR	OFF	2003/05/30 14:37
S78	613	establish\$3 near5 permanent near5 connection	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/11/24 10:11
S79	7	S78 and 709/224.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/11/24 10:12
S80	8	S78 same analy\$6	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/11/24 10:13
S81	17	(US-4669040-\$ or US-4912381-\$ or US-5331541-\$ or US-5555438-\$ or US-5684375-\$ or US-5732213-\$ or US-5768632-\$ or US-5805442-\$ or US-5828851-\$ or US-5887029-\$ or US-5909368-\$ or US-6061603-\$ or US-6151625-\$ or US-6301509-\$ or US-6327511-\$ or US-6424872-\$ or US-6445962-\$).did.	USPAT	OR	ON	2004/11/24 10:24